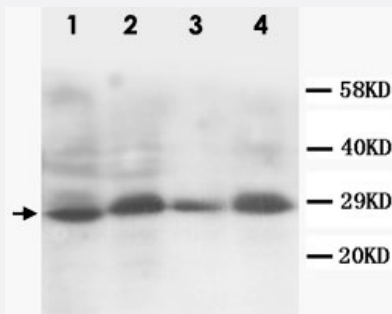


SSX2 polyclonal antibody

Catalog # PAB12322 Size 100 ug

Applications



Western Blot (Cell lysate)

Western Blot analysis of SSX2 expression from cell extracts with SSX2 polyclonal antibody (Cat # PAB12322).

Lane 1 : MM453 whole cell lysate.

Lane 2 : MM231 whole cell lysate.

Lane 3 : Jurkat whole cell lysate.

Lane 4 : HT1080 whole cell lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SSX2.
Immunogen	A synthetic peptide corresponding to amino acids at C-terminus of human SSX2.
Host	Rabbit
Reactivity	Human
Specificity	Identical to the related rat and mouse sequence.
Form	Lyophilized
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimerosal)

Storage Instruction

Store at -20°C on dry atmosphere.

After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20°C or lower.

Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide and thimerosal: POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — SSX2

Entrez GeneID[6757](#)**Gene Name**

SSX2

Gene Alias

HD21, HOM-MEL-40, MGC119055, MGC15364, MGC3884, SSX

Gene Description

synovial sarcoma, X breakpoint 2

Omim ID[300192](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The product of this gene belongs to the family of highly homologous synovial sarcoma X (SSX) breakpoint proteins. These proteins may function as transcriptional repressors. They are also capable of eliciting spontaneously humoral and cellular immune responses in cancer patients, and are potentially useful targets in cancer vaccine-based immunotherapy. SSX1, SSX2 and SSX4 genes have been involved in the t(X;18) translocation characteristically found in all synovial sarcomas. This translocation results in the fusion of the synovial sarcoma translocation gene on chromosome 18 to one of the SSX genes on chromosome X. The encoded hybrid proteins are probably responsible for transforming activity. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000024290|OTTHUMP00000024291|sarcoma, synovial, X-chromosome-related 2|synovial sarcoma, X breakpoint 2, isoform b|synovial sarcoma, X breakpoint 2B

Publication Reference

- [Fusion of SYT to two genes, SSX1 and SSX2, encoding proteins with homology to the Kruppel-associated box in human synovial sarcoma.](#)

Crew AJ, Clark J, Fisher C, Gill S, Grimer R, Chand A, Shipley J, Gusterson BA, Cooper CS.

The EMBO Journal 1995 May; 14(10):2333.

Application: WB-Ti, Human, Human synovial sarcoma